

ABSTRACT

A high performance thermoplastic hose useful as a power steering hose, the high performance thermoplastic hose comprising a high performance engineering thermoplastic such as polyurethane and a chlorine-containing polyolefin such as chlorinated polyethylene, chlorinated polypropylene, chlorinated copolymers containing ethylene and propylene, chlorosulfonated polyethylene, chlorosulfonated polypropylene, chlorosulfonated copolymers of ethylene and propylene or mixture thereof, is disclosed. Also disclosed are a method for manufacturing the high performance thermoplastic hose, and a thermoplastic vulcanizate capable of resisting chemical attack and withstanding temperatures up to about 300°F.